

ATTACHMENT C
LABORATORY METHODS

APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
Benzene	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
BTEX	8020*	Aromatic Volatile Organics	602	Purgeable Aromatics
	8021*	Halogenated and Aromatic Volatiles	624	Purgeables
	8240	Volatiles	1624	Volatile Organic Compounds
	8260	Volatiles		
1,2-DCA	8010*	Halogenated Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524	Purgeable Organic Compounds
	8261	Vaccum Distillation in Combination with GC/MS		
Ethylbenzene	8020*	Aromatic Volatile Organics	502.1	Volatile Halogenated Organic Compounds
	8021*	Halogenated and Aromatic Volatiles	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8240	Volatiles	504.1	Microextraction and GC
	8260	Volatiles	524.1	Purgeable Organic Compounds
MtBE	8020*	Aromatic Volatile Organics	524.2	Purgeable Organic Compounds
	8021*	Halogenated and Aromatic Volatiles	601	Halogenated Volatile Organics
	8240*	Halogenated and Aromatic Volatiles	624	Purgeables
	8260	Volatiles	1624	Volatile Organic Compounds
Naphthalene	8021*	Halogenated and Aromatic Volatiles	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8100	Polynuclear Aromatic Hydrocarbons	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8250	Semivolatile Organic Compounds	524.2	Purgeable Organic Compounds
	8270	Semivolatile Organic Compounds	550	Polycyclic Aromatic Hydrocarbons
	8310	Polynuclear Aromatic Hydrocarbons	550.1	Polycyclic Aromatic Hydrocarbons
	8260	Volatiles	610	Polynuclear Aromatic Hydrocarbons
			625	Base/Neutrals & Acids
Toluene	8020*	Aromatic Volatile Organics	1625	Semivolatile Organic Compounds
	8021*	Halogenated and Aromatic Volatiles		
	8240	Volatiles	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8260	Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
			524.1	Purgeable Organic Compounds
			524.2	Purgeable Organic Compounds
			602	Purgeable Aromatics
			624	Purgeables
			1624	Volatile Organic Compounds

APPROVED ANALYTICAL METHODS FOR ORGANIC COMPOUNDS

ANALYTE	SOLID AND HAZARDOUS WASTE METHODS		WATER METHODS	
	No.	PARAMETER	No.	PARAMETER
Xylene	8020*	Aromatic Volatile Organics	502.2	Volatile Org. Cmp., Purgeable Org. Cmp.
	8021*	Halogenated and Aromatic Volatiles	503.1	Volatile Aromatic & Unsat. Organic Cmp.
	8240	Volatiles	524.1	Purgeable Organic Compounds
	8260	Volatiles	524.2	Purgeable Organic Compounds
EDB	8260	Volatiles	504.1	Microextraction and GC
	8011	Microextraction and GC with Electron Capture	555.1	Liquid-Liquid Extraction and GC with Electron Capture
	8021B	GC using Photoionization and/or Electrolytic Conductivity Detectors		
Polynuclear Aromatic Hydrocarbons	8310	Polynuclear Aromatic Hydrocarbons	610	Polynuclear Aromatic Hydrocarbons (High performance Liquid Chromatography)
	8270C	Semi Organic Compounds by GC/MS, Cap Column		
Lead	7420	AA Direct Aspiration	239.2	Atomic Absorption Spectrometry (Graphite Furnace)
	7421	Atomic Absorption, Furnace Technique	200.8	Inductively Coupled Plasma Mass Spectrometry
			200.9	Atomic Absorption Spectrometry-Stabalized Temperature (Graphite Furnace) Method
<p>* Water samples must be prepared using method 5030 (purge & trap extraction) if this test method is used.</p> <p>Air Sample Analysis:</p> <p>40 CFR Ch. 1 (7-1-91 Edition) Part 60, Appendix A, Method 18 (Flexible Bag Procedure)</p>				